

HISTORIC AMERICAN ENGINEERING RECORD

HAER
CONN.
6-LYME,
6 -

Index to Photographs

Niantic River Swing Bridge
Spanning the Niantic River
on Connecticut Route 156
East Lyme and Waterford
New London County
Connecticut

HAER No. CT-22

NOTE: Photographs were taken by Guy Freeman, photographer, January 1986

- CT-22-1 VIEW, LOOKING NORTH, SHOWING LONGITUDINAL ELEVATION OF BRIDGE
- CT-22-2 VIEW, LOOKING WEST, SHOWING FIXED SPAN ROADWAY AND WEST PORTAL
- CT-22-3 VIEW, LOOKING WEST, SHOWING OPERATOR'S HOUSE FROM BRIDGE DECK
- CT-22-4 VIEW, LOOKING EAST, SHOWING EAST PORTAL AND ROADWAY OF SWING SPAN
- CT-22-5 VIEW, LOOKING NORTH, SHOWING EAST END OF SPRING SPAN AND ABUTMENT
- CT-22-6 VIEW, LOOKING NORTH, SHOWING FLOOR SYSTEM AND EAST ABUTMENT
- CT-22-7 VIEW, LOOKING EAST, SHOWING FLOOR SYSTEM AND PIVOT PIER

Photographs CT-22-8 through CT-22-12 are photocopies of original drawings made by the Berlin Construction Company, 1919-1920. The drawings are in the possession of the Connecticut Department of Transportation, Wethersfield, Connecticut.

- CT-22-8 PLAN AND ELEVATION OF SWING AND FIXED SPANS
- CT-22-9 FABRICATION DETAILS OF FIXED SPAN TRUSS
- CT-22-10 STEEL FRAMING DETAILS FOR OPERATOR'S HOUSE
- CT-22-11 PORTAL AND LATERAL BRACING DETAILS OF FIXED SPAN TRUSS
- CT-22-12 PORTAL AND LATERAL BRACING DETAILS OF SWING SPAN TRUSS
- CT-22-13 Photocopy of 1961 tracing of 1920 drawing. BASIC MACHINERY LAYOUT. Drawing was made by the Berlin Construction Company and is in the possession of the Connecticut Department of Transportation, Wethersfield, Connecticut.

Niantic River Swing Bridge
HAER No. CT-22
Index to Photographs
(Page 2)

Photographs CT-22-14 through CT-22-16 are photocopies of original drawings made by the Earle Cear and Machine Company of Philadelphia, Pennsylvania. The original drawings are in the possession of the Connecticut Department of Transportation, Wethersfield, Connecticut.

- CT-22-14 MACHINERY DETAILS: CENTER WHEEL FRAME AND AXEL, JACK WHEEL FRAME, JACK NUT HOUSING, JACK NUT, ETC.
- CT-22-15 MACHINERY DETAILS: LATCH WHEEL BRACKET, LATCH POCKET, LOCK BAR, LATCH CRADLE, SPLIT COLLAR, ETC.
- CT-22-16 ELECTRICAL SECTION